

## Rice bean (*Vigna umbellata*)

**(For Central Brahmaputra Valley Zone only)**

**Varieties:**

Variety	Sowing time	Duration (days)	Grain yield (q/ha)	Disease reaction
RBL 4	Mid August to mid September	88-93	19-21	Resistant to YMV and Cercospora leaf spot
RBL 5	-do-	90-95	19-21	-do-
Beziamah	-do-	90-95	20-22	-do-

**Sowing Time:** Mid August to mid September

**Soil Type:** Preferably sandy loams soil

**Land Preparation:** Fine tilth is not necessary for cultivation of ricebean. The land is to be ploughed 2-3 times followed by leveling. The weeds should be removed completely. Surface drains should be provided to facilitate quick removal of excess water from the field.

**Liming:** Requisite amount of lime is to be applied after soil test in order to bring soil pH around 6.0.

**Manures and Fertilizers:** Compost or FYM should be applied @ 4-5 t/ha.

Nutrient	Requirement (kg/ha)	Form	Fertilizer requirement	
			kg/ha	kg/bigha
N	20	Urea	44	6
P <sub>2</sub> O <sub>5</sub>	40	SSP	250	33
K <sub>2</sub> O	0	MOP	0	0

**Seed Rate:**

Variety	Kg/ha	Kg/bigha
RBL 4 and RBL 5	22-27	3.0-3.5
Beziamah	15-20	2.0-2.7

**Spacing:**

- Row to row : 30cm
- Plant to Plant : 10cm

**Interculture:** One weeding at 20-25 days after sowing

**Harvesting:**

Harvesting is to be started when 75% of the pods mature indicating full darkish pod, brittle on slight pressure.